



The Ore Valley Housing Association was registered in 1991 by a voluntary committee, all of whom were resident in Cardenden.

Their specific aim was to achieve the transfer of housing stock in Cardenden from Scottish Homes. There were two separate transfers of property during 1995 and 1997. The motivation for transfer was the desire among tenants to improve their housing & environmental conditions within the area as well as the achievement of improved service delivery through the provision of dedicated local services.

The Association has acquired properties through new build and the mortgage-to-rent scheme over a number of years and, as at the 24th of June 2011, the Association owned 611 properties.

The Association currently employs 15 full-time staff and 2 part-time staff. In addition, the in-house finance service is supported by external agents and specialist Development & Technical Services are delivered through partnership agreements. The association continues to go from strength to strength.

Ore Valley Housing Association decided to provide tablet devices for committee members in order to alleviate the mounting paperwork that was reproduced in multiples for each meeting. The premise was for the minutes, agenda and notes to be taken with the tablet devices, which in turn would allow all members to view, share and comment. In adopting this approach, the association, ever mindful of the need to reduce its carbon footprint, would, at a stroke cut a huge amount of unnecessary paperwork from the organisation, whilst also allowing members faster access to vital meeting information in the process.

Once the tablets were acquired, configured and ready for use it was evident to the association that Wi-Fi would be required within the meeting rooms to allow for the devices to be synchronised on site/within the meeting - rather than expecting the committee members to synchronise at home prior to any meeting. This change in working practice also enables the quick dissemination of documents while in the meetings.

Having previously demonstrated our abilities to the customer, we surveyed the required coverage area and put forward a Ruckus Wireless solution.

The initial requirement was fairly minimal, however the customer wanted to be able to meet potential further demand, so a system that could grow with these demands was required. With minimal equipment deployed, the required areas were covered, allowing all necessary client devices to connect.

The system is however very secure, robust and fast. Due to the nature of the primary connected devices (Tablets) we proposed Access Point (AP) technology that had PD-MRC technology built in as well as Ruckus' patented BeamFlex+ system - this allowed for Beamforming to give a greater coverage from each AP, also reducing possible interference and increasing the client/AP throughput and reliability while the PD-MRC was able to detect the orientation of the tablet device and alter the polarity of the signal to suit - this gives a better connection, throughput and user experience whether the device was in portrait or landscape mode.

We have delivered a fast, robust and secure Wi-Fi system that delivers the required coverage, user density and user experience for all connected devices, while giving the ability to scale for complete building coverage and remain easy to manage.



“An easy to use system that met the objectives set is exactly what we got. Little doubt our demands will grow, but knowing the solution provided will cope is reassuring”

Nicholas Clark, Business Development Manager - Ore Valley Housing Association

About Rapier Systems

Formed in 2003 Rapier has unrivalled expertise in the design, delivery and support of wireless (including WiFi) networks and systems; the company is a value added integrator of best-in-class wireless products.

Whether within or between buildings, upgrading or replacing existing networks, or designing and installing new wireless systems, Rapier's experience in environmental analysis and network design ensures complete coverage and optimal performance.

Rapier works with world leading wireless system vendors, including Ruckus, Alvarion, Airtight, Cambium/Motorola, Ceragon, SAF Technika and several more. The company has reached the highest level of accreditation with each of its partners and understands which vendor and product is best suited for each environment.

Rapier has grown dramatically on the back of a surge in demand for wireless networks, which it has designed and installed in a wide variety of challenging environments from colleges and oil rigs to business parks and theatres.

Rapier maintains Scotland's largest Wireless Network, covering Dundee City, Angus and Perth & Kinross Councils, which comprises around 250 sites.

The company has designed and delivered some of the most innovative wireless solutions in the UK, including the largest metropolitan area wireless network in Scotland and one of the largest county-wide wireless networks in England. Rapier delivered the 1st fully licensed Gigabit wireless link in the UK.

The company's headquarters is located in Fife, Scotland and it has offices in St Neots, Cambridgeshire, England.

Rapier has a UK wide customer base in sectors that include Local Government; Transport, Renewables, Oil and Gas, Retail and Leisure.

For further information please visit www.rapiersystems.com

